

Claims:

1. A method for changing a mode of a card connected to an interface of a terminal, which card comprises at least one dormant mode and a normal mode, in which method a command for setting the normal mode is transmitted to the card to change the mode of the card from said at least one dormant mode to the normal mode, the card generates an interrupt request related to the change in the mode of the card, to be transmitted via the interface to the terminal at the stage when the card shifts to the normal mode, wherein the interrupt request, received from the card and relating to the mode change, is processed in the terminal.
2. The method according to claim 1, wherein the interface is provided with one or more signal lines, wherein one of said signal lines of the interface is used for transferring said interrupt request to the terminal.
3. The method according to claim 2, wherein a state of the signal line used for the transfer of said interrupt request is set in a first logical state after the command to set the normal mode has been received in the card, and that the state of the signal line used for the transfer of said interrupt request is set in a second logical state after the normal mode is in use in the card.
4. The method according to claim 2, wherein at least one of said signal lines is a data line, and that said interrupt request is transmitted on said data line.
5. The method according to claim 1, wherein after receiving said command to set the normal mode, an acknowledgement about the reception of the command is transmitted from the card to the terminal.
6. The method according to claim 1, wherein said terminal used is a wireless terminal provided with mobile station functions.
7. A system comprising a terminal and a card which can be connected to an interface of the terminal and which card comprises at least one dormant mode and a normal mode, and which system comprises

means for transferring a command to set the normal mode to the card, for changing the mode of the card from said at least one dormant mode to the normal mode, and means for generating an interrupt request relating to the change of the mode and for transferring it via the interface from the card to the terminal, and that the terminal comprises an interrupt processor for processing the interrupt request which has come from the card and which relates to the mode change.

8. The system according to claim 7, wherein the interface is provided with one or more signal lines, wherein one of said signal lines of the interface is arranged to be used for transferring said interrupt request to the terminal.

9. The system according to claim 8, wherein a state of the signal line used for the transmission of said interrupt request is arranged to be set in a first logical state after the command to set the normal mode has been received in the card, and that a state of the signal line used for the transfer of said interrupt request is arranged to be set in a second logical state after the normal mode is in use in the card.

10. The system according to claim 8, wherein at least one of said signal lines is a data line, and that said interrupt request is arranged to be transferred on said data line.

11. The system according to claim 8, the interface comprising at least one card connection for connecting a card to the terminal, and said at least one card connection comprising at least the following lines:

one data line for the transfer of data between the terminal and the card,

one command line for the transmission of commands from the terminal to the card and for the transmission of responses from the card to the terminal, and

one clock line for the transmission of a clock signal from the terminal to the card.

12. The system according to claim 7, wherein after receiving said command to set the normal mode, an acknowledgement about the

reception of the command is arranged to be transmitted from the card to the terminal.

5 13. A card which is arranged to be connected to an interface of a terminal and which card comprises at least one dormant mode and a normal mode and means for processing a command to set the normal mode, said command coming via the interface of the terminal, for changing the mode of the card from said at least one dormant mode to the normal mode, and means for generating an interrupt request
10 relating to the change in the mode of the card.

14. The card according to claim 13, comprising means for transferring the interrupt request via the interface of the terminal to the terminal.

15 15. The card according to claim 13, wherein the interface is provided with one or more signal lines, wherein the card comprises a bus connection block for transferring said interrupt request to the terminal on one of said signal lines of the interface.

20 16. A memory card which is arranged to be connected to an interface of a terminal and which memory card comprises at least one dormant mode and a normal mode and means for processing a command to set the normal mode, said command coming via the interface of the terminal, for changing the mode of the memory card from said at least
25 one dormant mode to the normal mode, and means for generating an interrupt request relating to the change in the mode of the memory card.

30 17. A terminal provided with an interface for connecting a card to a terminal, which card comprises at least one dormant mode and a normal mode, and which terminal comprises an interface for transferring a command to set the card in the normal mode, for changing the mode of the card from said at least one dormant mode to the normal mode, wherein the terminal comprises means for
35 transmitting an interrupt request, relating to the mode change and generated by the card, via the interface from the card to the terminal, and that the terminal comprises an interrupt processor for processing

the interrupt request coming from the card and relating to the mode change.

- 5 18. The terminal according to claim 17, wherein the interface is provided with one or more signal lines, that at least one of said signal lines is a data line, and that said interrupt request is arranged to be transferred on said data line, wherein the terminal comprises a coupling block for transferring the interrupt request from said data line to said interrupt processor.
- 10 19. A mobile station provided with an interface for connecting a card to a mobile station, which card comprises at least one dormant mode and a normal mode, and which mobile station comprises an interface for transferring a command to set the card in the normal mode, for
- 15 changing the mode of the card from said at least one dormant mode to the normal mode, wherein the mobile station comprises means for transmitting an interrupt request, relating to the mode change and generated by the card, via the interface from the card to the mobile station, and that the mobile station comprises an interrupt processor for
- 20 processing the interrupt request coming from the card and relating to the mode change.